



DataSMART® MAX™

Regulatory Approvals

Introduction

This document provides information about the regulatory agency approvals granted to DataSMART® MAX.

The product models covered in this document include:

72561	DataSMART MAX T1, Dual-Port, AC Power
72761	DataSMART MAX T1, Dual-Port, Add/drop, AC power
72765	DataSMART MAX T1, Dual-Port, Add/drop, DC power
72771	DataSMART MAX T1, Quad-Port, Add/drop, AC power
72775	DataSMART MAX T1, Quad-Port, Add/drop, DC power

Revision history

Part #	Date	Description
65-72561902	June 1995	Issue 2
5000204	November 2001	Issue 3
650-00193-00	July 2004	Issue 4, rebranding
650-00193-01	September 2004	Issue 5, regulatory updates

Copyright and trademark information

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DataSMART MAX is a trademark of Kentrox, LLC. All other product names are trademarks or registered trademarks of their respective owners.

Who to call for assistance

If you need assistance with this product or have questions not answered by this manual, please visit our Support page on the Kentrox Web site. You are also welcome to call or send email to our Technical Assistance Center.

1-800-733-5511 (continental USA only)

1-503-350-6001

email: support@kentrox.com

<http://www.kentrox.com/support>

Listing and Certification



NRTL Listing and cNRTL Certification

This equipment meets OSHA Nationally Recognized Testing Laboratory (NRTL) and Canadian NRTL listing requirements for information technology equipment.

DataSMART MAX models 72765, 72775, and 72565, if powered from a central office battery are to be installed only in restricted access areas (dedicated equipment rooms, equipment closets, or the like) in accordance with Articles 110-16, 110-17, and 110-18 of the National Electrical Code, ANSI/NFPA No. 70.

When using a Kentrox unit with an external direct current power supply, use only a Class 2 power source, which has an output inherently limited to 8 amps and 150 volt-amperes maximum, in accordance with Article 725 of the National Electrical Code.

Equipment Attachment Limitations

FCC Part 68 Requirements

This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains the FCC registration number for this equipment, DataSMART MAX models 72561, 72761, 72765, 72771, and 72775. The number is F8I-USA-22072-DE-N. Upon request of the telephone company, you should provide the FCC registration number of the equipment which is connected to your line.

This equipment operates with a 1.544 Mb/s digital channel.

The Service Order Code is 6.0N. The Facility Interface Code is 04DU9-BN for lines using Super Frame format, 04DU9-DN for lines using Super Frame format and B8ZS, 04DU9-1KN for lines using the Extended Super Frame format, and 04DU9-1SN for lines using Extended Super Frame format and B8ZS. This equipment connects to the network using RJ48 USOC jack adapter cable Part Number 01-93xxx151 (where xxx is cable length) connecting to the D-style 15-pin connectors on the back of the equipment.

The telephone company must be notified before removal of a DataSMART MAX connected 1.544 Mb/s digital service. If the telephone company notes a problem they may temporarily discontinue service, and notify you of this disconnection. (If advance notice is not feasible, you will be notified as soon as possible.) When you are notified you will be given the opportunity to correct the problem and informed of your right to file a complaint with the FCC.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service. Normally, the DataSMART MAX will be used in conjunction with FCC registered equipment that limits the Encode Analog Content and provides the required Billing Protection. If the connected equipment is not of this type, an affidavit must be supplied to the telephone company where the network connection is to be made. The affidavit is to be notarized, and is to be filed at least ten days before the initial connection.

If trouble is experienced with this equipment, please contact the Customer Service Department at Kentrox for repair and warranty information.

If this equipment is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

All repairs should be handled by authorized Kentrox service personnel

Industry Canada

CP-01

1.10.1

NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION!

Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority, or electrician, as appropriate.

Avis D'Industrie Canada

L'étiquette d'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêche pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être effectuées par un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

Avertissement:

L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

AVIS:

L'indice d'équivalence de la sonnerie (IES) assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface. La terminaison d'une interface téléphonique peut consister en une combinaison de quelques dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

EMI**FCC Part 15 Requirements**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interferences to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canadian Telecommunications

This equipment does not exceed the Class A limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques Classe A prescrite dans le règlement sur le brouillage Radioélectrique Édité par Communications du Canada.